January 15, 2016

MEMORANDUM FOR: Distribution Email

FROM: Christine Caruso Magee
                                      Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for
                                      CPC, OPC, and WPC

Climate Prediction Center

The following accelerated items were implemented this past week:

RFC #560 – SST Consolidation Graphics update – Modified 1 line to point to next month rather than this month in the script to keep it from archiving to the incorrect month. This bug didn't throw an error but ruined old archives after the calendar turned. Implemented on January 8 at 1525Z.

The following will be implemented the week of January 18, 2016:

None

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of January 18, 2016 may affect CPC:

RFC #1644 – NCOSRV Dataflow v2.14.3, NCODF Dataflow v2.13.1 – Begin ingesting satellite vegetation data to IDP and switch pulling GOES-E and GOES-W files for nowCOAST from NESDIS's satepsanone server to their DDS. To be implemented on January 19 at 1300Z.

The following NCO RFCs are in progress and may affect CPC:

None

Ocean Prediction Center

The following accelerated items were implemented this past week:

RFC #561 – At the request of NOAA/NMFS, added an email address to the list of recipients for OPC's Antarctic Support so that a second field camp can be accommodated. Implemented on January 11 at 2045Z.

RFC #563 – Fixed a bug in the AMSR2 grid production to prevent occasionally missing data in the processing routines which create AMSR2 gempak grids from AMSR2 ASCII grids. This bug was affecting OPC operations with periods of missing data in NMAP2 displays. Implemented on January 13 at 1900Z.

The following will be implemented the week of January 18, 2016:

RFC #564 – Add GFS Experimental data to NMAP2 as 'GFSp' to allow for evaluation of EMC's GFS runs. Once the official parallel GFS begins, another RFC will be submitted to point 'GFSp' to that output instead of the EMC output. To be implemented on January 19 at 1245Z.

RFC #565 - The 'send_gif_to_NCDC.csh' script resizes an image to NCDC specifications and sends it to the OPC FTP site for their use. It has been updated to utilize a temporary "working" directory instead of $HOME. Some code cleanup has also been done. To be implemented on January 19 at 1330Z.

RFC #566 - The 'make_satellite.pl' script creates various satellite images for use on the OPC website and the TGFTP site. Additional error checking is being added to notify OAB if an image is old. Also, unnecessary processing has been removed. To be implemented on January 19 at 1330Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of January 18, 2016 may affect OPC:

None

The following NCO RFCs are in progress and may affect OPC:

None

The following NCO RFCs, which may affect OPC, were approved with an implementation date TBD:

RFC #1357 – RTOFS global v1.1.0 – Major upgrade of the Global RTOFS model. See the TIN at: http://www.nws.noaa.gov/os/notification/tin15-36global-rtofsaaa.htm for details. This was advertised as having an October 6 implementation date but this implementation is being postponed due to a delay in the Navy's HYCOM model upgrade. Once the HYCOM upgrade is implemented, the Global RTOFS will be scheduled for implementation. Notification will be given in advance so users may prepare for any changes which may affect them. This upgrade of the Global RTOFS was approved by the NCEP Director.

Weather Prediction Center

The following accelerated items were implemented this past week:

RFC #562 - Some Probabilistic Winter Precipitation Forecast KML files were not loading properly in Google Maps due to file size constraints. The script that generates these files was modified to reduce the number of points per polygon and therefore reduce the file size. Implemented on January 13 at 1300Z.

The following will be implemented the week of January 18, 2016:

RFC #559 - The 2.5-km resolution Winter Weather Desk (WWD) land-water mask will force snowfall and/or ice accumulations to zero over off-shore waters along

the U.S. west coast. To be implemented beginning on January 19 at 1200Z and should be completed by 2200Z on January 21.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of January 18, 2016 may affect WPC:

None

The following NCO RFCs are in progress and may affect WPC:

None

Please note that security-related RFCs are never listed in the RFC memo.

---- OPERATIONAL ANNOUNCEMENTS ----

The CPC/OPC/WPC Configuration Management documents are available at https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.